

SEQUENCE LISTING

<110> Tong, et al.

<120> METHODS AND COMPOSITIONS FOR DIAGNOSING AND TREATING
DISORDERS INVOLVING ANGIOGENESIS

<130> PC10790A

<140>

<141>

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 829

<212> DNA

<213> CANINE PRO ENDOSTATIN NUCLEOTIDE SEQUENCE

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cccggtccaca cccacaccca caccacccag gacttccagc tgggtgctgca cctgggtggcc 180
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cagcaggcgc ggcgcgcggg gctggccggc accttccggg ctttcctgtc gtcgcgcgtg 300
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<212> PRT

<213> CANINE PRO ENDOSTATIN AMINO ACID SEQUENCE

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Pro Gln Pro Tyr Pro Gly Ala Pro His His Gly Ser Tyr Val His Phe

20

25

30

Gln Pro Ala Arg Pro Thr Gly Gly Pro Val His Thr His Thr His Thr
35 40 45

His Gln Asp Phe Gln Leu Val Leu His Leu Val Ala Leu Asn Ser Pro
50 55 60

Gln Pro Gly Gly Met Arg Gly Ile Arg Gly Ala Asp Phe Gln Cys Phe
65 70 75 80

Gln Gln Ala Arg Ala Ala Gly Leu Ala Gly Thr Phe Arg Ala Phe Leu
85 90 95

Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala Asp Arg
100 105 110

Thr Gly Val Pro Val Val Asn Leu Arg Asp Glu Val Leu Phe Pro Ser
115 120 125

Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Gln Leu Lys Pro Gly Ala
130 135 140

Arg Ile Phe Ser Phe Asp Gly Arg Asp Val Leu Gln His Pro Ala Trp
145 150 155 160

Pro Arg Lys Ser Val Trp His Gly Ser Asp Pro Ser Gly Arg Arg Leu
165 170 175

Thr Asp Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ala Ala Thr
180 185 190

Gly Gln Ala Ser Ser Leu Leu Ala Gly Arg Leu Leu Glu Gln Glu Ala
195 200 205

Ala Ser Cys Arg His Ala Phe Val Val Leu Cys Ile Glu Asn Ser Val
210 215 220

Met Thr Ser Phe Ser Lys
225 230

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<212> DNA
<213> CANINE ENDOSTATIN NUCLEOTIDE SEQUENCE

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<212> PRT

<213> CANINE ENDOSTATIN AMINO ACID SEQUENCE

<400> 4

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Ser Pro Gln Pro Gly Gly Met Arg Gly Ile Arg Gly Ala Asp Phe Gln
20 25 30

Cys Phe Gln Gln Ala Arg Ala Ala Gly Leu Ala Gly Thr Phe Arg Ala
35 40 45

Phe Leu Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala
50 55 60

Asp Arg Thr Gly Val Pro Val Val Asn Leu Arg Asp Glu Val Leu Phe
65 70 75 80

Pro Ser Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Gln Leu Lys Pro
85 90 95

Gly Ala Arg Ile Phe Ser Phe Asp Gly Arg Asp Val Leu Gln His Pro
100 105 110

Ala Trp Pro Arg Lys Ser Val Trp His Gly Ser Asp Pro Ser Gly Arg
115 120 125

Arg Leu Thr Asp Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ala
130 135 140

Ala Thr Gly Gln Ala Ser Ser Leu Leu Ala Gly Arg Leu Leu Glu Gln
145 150 155 160

Glu Ala Ala Ser Cys Arg His Ala Phe Val Val Val Leu Cys Ile Glu Asn
165 170 175
Ser Val Met Thr Ser Phe Ser Lys
180